Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231

Application Number(s)

60/173614

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) below.

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

Filing Date( MM/DD/YYYY)

12/29/1999

٠, ٠

PTO/SB/01 MODIFIED BY ATST CORP.

Attorney Docket Number: 1999-0021

## DECLARATION - Utility or D sign Pat nt Applicati n

I hereby claim the libelow and, insofar by the first paragrabetween the filling d	benefit under 35 U.S.C. 120 of any United State as the subject matter of each of the cialms of th oph of 35 U.S.C. 112, I acknowledge the duty t ale of the prior application and the national or P	ne abbreation is vot	disclosed in the prior Uni				
Application or PCT Parent		Parent Filing Date (MM/DD/YYYY)			Parent Patent Number		
PE SON BUT	benefit under 35 U.S.C. 120 of any United State as the subject matter of each of the claims of the aph of 35 U.S.C. 112, I acknowledge the duty late of the prior application and the national or P  Application or PCT Parent  Number	(MM/D)	)/ <b>/</b>		(if applic	able)	
Additional U	S. or PCT International application numbers are	e listed on a supplen	nantal priority dela sheet f	TO/SB/02B atta	ched hereto.		
make siretarions	ntor, I hereby appoint the following registe and amendments therein, to receive the p	atent, and to tran	with full power of subsact all business in the	stitution and re Patent and Tr	vocation, to pros ademark Office o	ecute this ap connected th	plication, to erewith:
Customer:	nunoer		ode Label here				
OR							
Registered	l practitioner(s) name/registration number listed	below					
	Name	Registration Number		Name			Registration
CANAVAN, R	obert T.	37592	CONOVER, Mi	chele L.			Number 34962
DELACRUZ,	Cedric G	36498		DWORETSKY, Samuel H.			27873
GARG, Rohini K		45272	GORRIE, Gre	GORRIE, Gregory J.			36530
ISAACSON, Thomas M.		44166	LEE, Benjamin S.				42787
LEVY, Robert B. 28234 MCGAHAN, Susan E. 35941  I also appoint the following additional registered practitioner(s) named on the Registered Practitioner Information (Supplemental Sheet) (PTO/SB/02C modified by ATC				35948			
transact all I	business in the Palent and Trademark Office co	のこみけいわ もの わいりゅうこい	gistered Practitioner Infonte the this application, to make	mation (Supplem e afterations and	ental Sheet) (PTO) amendments there	/SB/Q2C modition, to receive (	led by AT&T he patent, and to
Direct all Correspondence to:  Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here)  Or Correspondence address below			ddress below				
NAME	Samuel H. Dworetsky						· · · · · · · · · · · · · · · · · · ·
ADDRESS	AT&T CORP, P.O. Box 4110						<del>-</del>
COUNTRY	Middletown United States of America		TATE New Je	rsey	ZIP CODE	07748-	
I hereby declare that all statements made herein of my own knowledge		dae are true sed the	t all statements and an		FAX		8-6932
such willful false sta	ale made with the knowledge that which raise st elements may jeopardize the validity of the appli	atements and the III	e so made are punishable issued thereon.	by fine or impri	sonment, or both, u	nder 18 U.S.C	further that c. 1001 and that
	e or First Inventor	A D AF	etition has been f	led for this	unsigned inve	entor	
Nam					<del>-</del>	1	
Signatur					Date 5	124/0	
Citizenshl							
Address (line (	29220 SE 5th Street						
Address (fine 2							
Address (line 3	<u> </u>	·					
Address (line							
Address (line !							
Zip Cod							
			sheets attached hereto		_		
SEND TO: Assista	nt Commissioner for Patents, Box Patent	Application, Wash	ington, DC 20231			-	

Attorney Docket Number: 1999-0021

DECLARATION		Registered Practiti ner Information (Supplemental Sheet)			
Name	Registration Number	Name	Registratio Number		
MONKA, Gary H.	35290	NAVON, Jeffrey M	32711		
ESTAINO, Thomas A.	33444	STEINMETZ, Alfred G.	22971		
SZWERC, Christine	43177				
	l l				
			1		
			-		
	1				
	[				
•					
	Ì				
		)	1		
	ł		1		
		,	i		
	ļ				
	Ì				
•					
	ŀ				
	,				
			}		
	j		]		
	ĺ	1			
	1				
	1				
·					
	}		1		

Attorney Docket Number: 1999-0021

## ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Roderick Nelson of Fall City in the County of King County and State of Washington, hereby sells, assigns and transfers to AT&T Wirel ss Services, Inc., a corporation of the State of Delaware, having an office at 7277 164th Avenue NE, Redmond, Washington 98052, United States of America, and its successors, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

## Monitoring Network Performance Using Individual Cell Phone Location & Performance Information

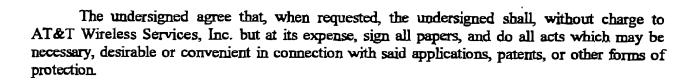
described in an application for Letters Patent for the United States of America,
for which an application for a United States Patent was executed on
☑ for which an application for a United States Patent was filed on 12/21/2000 Application Number 09/745268,

and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and the undersigned also concurrently hereby sell, assign and transfer to AT&T Wireless Services, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

The undersigned authorize AT&T Wireless Services, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Wireless Services, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

The undersigned request that any and all patents for said inventions be issued to AT&T Wireless Services, Inc. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Wireless Services, Inc. may designate.



Attorney Docket Number: 1999-0021

United States of America

State of Washington

County of King

)

) ss.:

)

I certify that I know or have satisfactory evidence that Roderick Nelson is the person who appeared before me, and said person acknowledged that (he/she) signed this instrument and acknowledged it to be (his/her) free and voluntary act for the uses and urposes mentioned in the instrument.

My appointment expires

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

1/11//2003 13.45 FAX 503 228 9446		KLARQUISI SPAKKMAN			超 008		
				Dd Numb r	PTO-1618A MODIFIED BY AT&T C		
,				U.S. Department of Commerce Patent and Trademark Office PATENT			
·	,	RECORDATION FOR PATENTS	RM COVER SHI S ONLY	EET	•		
O: The Assistan	t Commissioner for Patents: Pl	ease record the attached o	nicinal docume	etts) or convilor)			
T noiselmdu	уре	Conveyance Type	mg.mar augunt	ida) or copy(les).			
<ul><li>☑ New</li><li>☐ Resubmission(Non-Recordation)</li><li>Document ID#</li></ul>		⊠ Assignment	☐ Security Agreement ☐ Security Agreement				
		☐ License ☐ Change of Name					
Correction		☐ Merger ☐ Other:					
Reel # ] Corrective [	Frame #			.S. Government			
Reel #	Frame #		☐ Departme	oy U.S. Government Agenci ental File 🔲 Secr			
nveying Pa	arty(ies)			Mark if additional n	ames of conveying parties attached		
ame (line 1)	Nelson, Roderick				Execution Date		
ame (line 2)					MMDDYYYY		
econd Party			_		03/24/2001		
ame (line 1)					Execution Date		
ame (line 2)	·				MMDDTTT		
eceiving Par	rty		. [	Mark If additional or	ames of receiving parties attached		
ame (line 1)	AT&T Wireless Servi	ces, Inc.		2 PARK IS BEEN CONTROL IN	☐ If document to be		
ame (line 2)					recorded is an assignment and the		
idress (line 1)	7277 164th Avenue N			receiving party is not domiciled in the Unite			
ddress (line 2)	Redmond, Washington			States, an appointment of a domestic			
dress (line 3)	United States of Am				representative is		
	City, State/Country Zip Code	•			attached. (Designate must be a separate document from		
om stic Rep	resentative Name and	Address	Enter for the firs	t Receiving Party only	Assignment.)		
ime (line 1)							
Idress (line 1)							
ldress (line 2)							
	· ·						
ddress (line 3)							
ddress (line 3)							

Mail documents to be recorded with required cover sheet(s) information to: Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231